Bruhath Bangalore Mahanagara Palike

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

Item No:

Schedule-B

Name of the Work:-Shifting of High Mast and Tubular Poles from IAP Road to Yelahanka Constituency area in Ward No- 1 to 4						
Sl. No.	Approved Qty	Description	Unit	Approved Rates		Amount
				in Figures	in words	
1	9	Supplying of light Emitting Diode (LED) street light fittings fabricated with die cast alluminimum base with suitable heat sink for heat dissipation ,the fitting should comprise efficient electronic driver & LED's (with 100-120 Lumens/LED) Completely wired to operate on 230V 50Hz AC supply, (Certificate for driver performance & LED lumens output LM 80 should be furnished) cree/nichia/osram make optically designed high efficiency LED lights should be used polycarbonate transparent cover with IP-66 protection. (INCLUDING 50000 Burning Hours) [Alloy ML-24] II Group B A) 24 Watts	Each	5800.00	Rupees Five Thousand Eight Hundred Only	52200.00
2	9	Supplying & fixing …mm dia class A GI pipe bracket up to 2.7 meters long terminated with a reducing collar of 40x25mm to which extra pipe of 175mm length is fixed for fixing MV/SV/MH/FTL street light fitting of all capacities on rail/RCC/wall/tubular pole. using suitable clamps bolts, nuts and wiring using suitable capacity wires etc complete .c) Using 40mm dia G.I pipe	Each	935.00	Rupees Nine Hundred Thirty Five Only	8415.00
3	9	Digging of pits 1.5 mtr depth for errection of of 7.5/8 mtr Long steel/RCC/PSC/PCC supports Hard soil	Per Pit	529.00	Rupees Five Hundred Twenty Nine Only	4761.00
4	9	Concrete Works Providing cement concrete to poles and guysets with material and labour including necessary curing etc., comlpete (cost does not include excavation) c) Providing coping for pole with CC1:2:4 (as per actuals)	Each	200.00	Rupees Two Hundred Only	1800.00
5	9	Errection of Poles : Releasing and Re-Errection of Steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail, I beam of sizes 200 X 100 mm, 175X 90 mm , 125 X 100 mm, Fabricated poles, tubular poles in pits of 1.8 mtr Depth, aligning, refilling with soil For Errection =Rs 154.00 releasing of materials shall be 90 % of the cost of ereection as per bescom circular BES/GM/(T)/BC-20/F-664/05-06/CYS 174 Dt:10.01.06.Therefore Releasing and Re-Errection = Rs 154.00+ 0.9X154.00=292.60	Nos	292.60	Rupees Two Hundred Ninety Two And Paise Sixty Only	2633.40
6	9	Street Light and other Works Releasing and Fixing of mercury Vapour lamp fitting /Ornamental light fitting with Control Boxes etc. For Fixing =Rs 224.00 releasing of materials shall be 90 % of the cost of ereection as per bescom circular BES/GM/(T)/BC-20/F-664/05-06/CYS 174 Dt:10.01.06.Therefore Releasing and Fixing = Rs 224.00+ 0.9X224.00=292.60	Set	425.60	Rupees Four Hundred Twenty Five And Paise Sixty Only	3830.40

7	2	Supplying and fixing Microprocessor based Astronomical timer switch with using necessary bolts, nuts and washers etc.,	Each	7515.00	Rupees Seven Thousand Five Hundred Fifteen Only	15030.00
8	2	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. b) 40-63 Amps SP 1) Group 'A'	Each	370.00	Rupees Three Hundred Seventy Only	740.00
9	2	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947. c) 60-70 Amps	Each	3865.00	Rupees Three Thousand Eight Hundred Sixty Five Only	7730.00
10	4	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. . (32.9a) a) 40x40x6mm	Rmtr	240.00	Rupees Two Hundred Forty Only	960.00
11	9	Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/looting of the pole b) Above 5.5 to 7.5 Mtr. Street light pole	Nos	360.00	Rupees Three Hundred Sixty Only	3240.00
12	325	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV Class I. Class 'A' PVC Cable d) 4 core 16sqmm	Per Mtr	150.00	Rupees One Hundred Fifty Only	48750.00
13	325	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required. I. In existing trench /duct. a) 6sqmm to 16 sqmm	Rmtr	8.00	Rupees Eight Only	2600.00
14	300	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. (As per Civil SR KSRB 1-2, P-7)b. In hard Soil	Rmtr	50.00	Rupees Fifty Only	15000.00
15	320	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cable in open or consealed system of wiring.I Group A .c) 2.5 sqmm	Per Mtr	25.00	Rupees Twenty Five Only	8000.00
16	10	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class a 40 mm	Rmtr	240.00	Rupees Two Hundred Forty Only	2400.00
17	21	Supplying and fixing of HPSV lamps on existing fitting mounted on tubular pole c)250 Watts	No	809.00	Rupees Eight Hundred Nine Only	16989.00
	21	Supplying and fixing/replacement of ignitor suitable for 70 to 400 watts SV/MH fittings a) Group A	No	520.00	Rupees Five Hundred Twenty Only	10920.00
	21	Supply and fixing of 400 Watts heavy duty open construction ferromagnetic copper ballast for HPMH lamps c)250 Watts1. Group A	No	1185.00	Rupees One Thousand One Hundred Eighty Five Only	24885.00

18	21	Casting of suitable foundation for the Octagonal Pole including designing and cost of all materials like Anchor plates,Template and washers labour charges, all other incidental charges etc,. complete as per specification and Drawing given in KPWD elect SR 2010-11(P.No 103) Detailed Calculation as per CIVIL SR items Enclosed.	Each	4929.74	Rupees Four Thousand Nine Hundred Twenty Nine And Paise Seventy Four Only	103524.54
18	2	Hire Charges Components for Tractor 50 HP ,Sl no 20, Page No XXXIV, KPWD SR CIVIL 2010-11	Day	2240.00	Rupees Two Thousand Two Hundred Forty Only	4480.00
19	3	Hire Charges Components for Crane Charges ,Sl no 66, Page No XXXVI, KPWD SR CIVIL 2010-12	Day	3200.00	Rupees Three Thousand Two Hundred Only	9600.00
20	20	Supplying and Fixing 4 Nos of 590 mm length High Yield Tensile Cold Rolled Pitched threads (680 N/sq mm) 27 mm Bolt dia (Mkt Rate)	Nos	1350.00	Rupees One Thousand Three Hundred Fifty Only	27000.00
21	900	LT 3 phase 5 wire Aerial Bunched Cable of size 3X25+1X16+1X25+1X35 sqmm (Standard Stock materials 2009-10) Rs 81450/ Kmt	P/Mtr	81.45	Rupees Eighty One And Paise Forty Five Only	73305.00
22	900	Striniging of 1.1 KV grade aerial bunched 3 core cable of XLPE insulation standard aluminium conductor standard around a weather resistant black XLPE insulated AAA messanger wire (3X 50 Sq mm + 1X 16 sqmm + 1X 50 Sqmm + 1X 35 sqmm) 2.(3 X95) (for phase Conductor)+ (1X 50)(insulated messanger neutral)+(1X16)(Labour charges 2010-11) Rs 8961/Kmt	P/Mtr	8.96	Rupees Eight And Paise Ninety Six Only	8064.90
23	60	Piercing connector suitable 16 Sqmm - 95 Sqmm AB cable service connections (Standard Stock materials 2010-11)	Nos	210.00	Rupees Two Hundred Ten Only	12600.00
24	2	Dead End Clamp/ Anchor clamps assembly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos	140.00	Rupees One Hundred Forty Only	280.00
25	30	suspension clamp assemblly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	Nos	280.00	Rupees Two Hundred Eighty Only	8400.00
26	30	Errection of suspension clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos	85.00	Rupees Eighty Five Only	2550.00
27	2	Errection of Anchor clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	Nos	85.00	Rupees Eighty Five Only	170.00
28	60	Istallation of insulation piercing connector for main to street light Main: 16 -95 sqmm,Tap: 1.5-10 sqmm (EP 95)	Nos	40.00	Rupees Forty Only	2400.00
		Total				**483258.24**

I am prepared to take up the above work at 9.10% below (Nine point One Zero Percent below the rates quoted in the Schedule 'B'

CONTRACTOR

EXECUTIVE ENGINEER (Ele)
YELAHANKA ZONE, BBMP